

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
 Data File : BF126227.D
 Acq On : 17 Dec 2021 10:35
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/18/2021
 Supervised By : Jagrut Upadhyay 12/20/2021

Quant Time: Dec 17 12:14:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	163211	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	664796	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	287123	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	413429	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	236870	20.000	ng	0.00
86) Perylene-d12	15.415	264	282485	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	962455	86.842	ng	0.00
7) Phenol-d6	6.439	99	1187615	84.393	ng	0.00
23) Nitrobenzene-d5	7.381	82	1010169	82.296	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	182284	78.998	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1316819	80.437	ng	0.00
79) Terphenyl-d14	12.921	244	989087	72.578	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.534	88	237594	43.918	ng	# 100
3) Pyridine	3.269	79	614072	42.742	ng	# 76
4) n-Nitrosodimethylamine	3.210	42	229698	41.600	ng	# 1
6) Aniline	6.475	93	737820	41.277	ng	97
8) 2-Chlorophenol	6.598	128	493473	43.908	ng	90
9) Benzaldehyde	6.363	77	329592	38.813	ng	95
10) Phenol	6.451	94	671531m	42.512	ng	
11) bis(2-Chloroethyl)ether	6.551	93	504970	41.184	ng	96
12) 1,3-Dichlorobenzene	6.757	146	492906	43.477	ng	98
13) 1,4-Dichlorobenzene	6.834	146	486547	42.498	ng	95
14) 1,2-Dichlorobenzene	6.986	146	457245	43.196	ng	95
15) Benzyl Alcohol	6.957	79	421437	41.023	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.098	45	817336	40.734	ng	94
17) 2-Methylphenol	7.063	107	400649	40.693	ng	97
18) Hexachloroethane	7.333	117	195009	43.304	ng	96
19) n-Nitroso-di-n-propyla...	7.233	70	329161	38.102	ng	# 72
20) 3+4-Methylphenols	7.216	107	487332	41.869	ng	91
22) Acetophenone	7.228	105	619099	40.464	ng	94
24) Nitrobenzene	7.398	77	508014	41.458	ng	# 93
25) Isophorone	7.639	82	874585	37.730	ng	# 88
26) 2-Nitrophenol	7.716	139	238476	43.171	ng	# 87
27) 2,4-Dimethylphenol	7.751	122	373027	39.764	ng	99
28) bis(2-Chloroethoxy)met...	7.851	93	601418	39.463	ng	97
29) 2,4-Dichlorophenol	7.951	162	343464	41.189	ng	92
30) 1,2,4-Trichlorobenzene	8.039	180	357660	41.466	ng	98
31) Naphthalene	8.122	128	1288805	41.455	ng	98
32) Benzoic acid	7.851	122	287048	35.518	ng	89
33) 4-Chloroaniline	8.169	127	521813	40.198	ng	98
34) Hexachlorobutadiene	8.245	225	177903	41.996	ng	98
35) Caprolactam	8.522	113	73574	35.502	ng	87
36) 4-Chloro-3-methylphenol	8.639	107	380016	38.634	ng	88
37) 2-Methylnaphthalene	8.810	142	769522	40.192	ng	98
38) 1-Methylnaphthalene	8.910	142	747753	40.244	ng	95
40) 1,2,4,5-Tetrachloroben...	8.980	216	270088	43.584	ng	# 96
41) Hexachlorocyclopentadiene	8.969	237	158392	44.635	ng	94
43) 2,4,6-Trichlorophenol	9.086	196	205943	42.247	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
 Data File : BF126227.D
 Acq On : 17 Dec 2021 10:35
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/18/2021
 Supervised By : Jagrut Upadhyay 12/20/2021

Quant Time: Dec 17 12:14:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	208978	41.397	ng	97
46) 1,1'-Biphenyl	9.275	154	899086	42.349	ng	96
47) 2-Chloronaphthalene	9.298	162	680192	42.583	ng	98
48) 2-Nitroaniline	9.392	65	231410	39.692	ng	92
49) Acenaphthylene	9.716	152	1010348	41.395	ng	98
50) Dimethylphthalate	9.575	163	715522	39.341	ng	98
51) 2,6-Dinitrotoluene	9.633	165	152099	38.637	ng	# 86
52) Acenaphthene	9.886	154	649983	41.064	ng	100
53) 3-Nitroaniline	9.798	138	191667	38.306	ng	# 72
54) 2,4-Dinitrophenol	9.904	184	63315	39.061	ng	# 79
55) Dibenzofuran	10.057	168	878274	40.754	ng	98
56) 4-Nitrophenol	9.945	139	144742	40.048	ng	# 74
57) 2,4-Dinitrotoluene	10.033	165	192237	38.281	ng	# 94
58) Fluorene	10.404	166	589555	37.789	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.174	232	147682	39.455	ng	# 98
60) Diethylphthalate	10.274	149	696853	38.126	ng	100
61) 4-Chlorophenyl-phenyle...	10.392	204	264862	37.706	ng	97
62) 4-Nitroaniline	10.410	138	158270	37.707	ng	# 74
63) Azobenzene	10.557	77	851310	38.454	ng	83
65) 4,6-Dinitro-2-methylph...	10.439	198	90440	40.061	ng	92
66) n-Nitrosodiphenylamine	10.510	169	551248	41.546	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	164721	42.453	ng	97
68) Hexachlorobenzene	10.951	284	183851	41.199	ng	# 84
69) Atrazine	11.033	200	100336	41.264	ng	97
70) Pentachlorophenol	11.139	266	103280	41.717	ng	91
71) Phenanthrene	11.363	178	872370	40.883	ng	98
72) Anthracene	11.410	178	886243	41.379	ng	99
73) Carbazole	11.563	167	818660	40.588	ng	99
74) Di-n-butylphthalate	11.904	149	1020690	39.919	ng	99
75) Fluoranthene	12.545	202	756727	39.361	ng	90
77) Benzidine	12.663	184	153586	41.128	ng	96
78) Pyrene	12.774	202	783208	35.990	ng	98
80) Butylbenzylphthalate	13.398	149	385307	37.625	ng	# 79
81) Benzo(a)anthracene	13.957	228	583677	41.599	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	297036	46.339	ng	99
83) Chrysene	13.998	228	597762	41.004	ng	98
84) Bis(2-ethylhexyl)phtha...	13.962	149	483538	42.254	ng	99
85) Di-n-octyl phthalate	14.574	149	983771	48.225	ng	98
87) Indeno(1,2,3-cd)pyrene	16.845	276	853775	45.312	ng	# 92
88) Benzo(b)fluoranthene	14.998	252	662744m	39.046	ng	
89) Benzo(k)fluoranthene	15.027	252	673101	41.455	ng	# 95
90) Benzo(a)pyrene	15.356	252	610618	43.285	ng	95
91) Dibenzo(a,h)anthracene	16.862	278	708915	46.283	ng	# 94
92) Benzo(g,h,i)perylene	17.274	276	723696	45.666	ng	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

